COMPOUNDS AND METHODS FOR INHIBITING β-CATENIN MEDIATED GENE EXPRESSION AND DIFFERENTIATION

Abstract of the Disclosure

Modulating agents for inhibiting β-catenin mediated gene expression are provided. The modulating agents comprise one or more of: (1) the peptide sequence LXXLL (SEQ ID NO:1); or (2) a peptide analogue or peptidomimetic thereof. Methods for using such modulating agents for modulating β-catenin mediated gene expression and cellular differentiation in a variety of contexts (*e.g.,* for modulating hair growth or treating cancer or Alzheimer's disease) are provided.